



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
**REQUEST FOR FILING NATIONAL PATENT APPLICATION**

Under 35 USC 111(a) and Rule 53(b)

PATENT APPLICATION

WITH SIGNED DECLARATION

Hon. Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NONPROVISIONAL  
NON REISSUE  
NON PCT NAT PHASE



Sir:

Herewith is the PATENT APPLICATION of:

Atty. Dkt. No.: 2545-0427

Inventor(s):	FITZGERALD, Ian and SEYDEL, Christian
Title:	<b>TUBE-TYPE VORTEX REDUCER WITH RETAINING RING</b>

Date: March 11, 2004

Including:

1. Specification: 11 pages (only spec. and claims)
2. ☐ Specification in non-English language
3. ☒ Declaration ☐ Original ☒ Facsimile/Copy ☒ Abstract 1 page(s); 19 numbered claims
4. ☒ Drawings: 10 sheet(s) ☐ informal; ☒ formal size: ☒ A4 ☐ 11"
5. ☐ See top first page re prior Provisional, national or International application(s). ("X" box only if info is there and do not complete corresponding item 5 or 6). (Prior M# \_\_\_\_\_ SN \_\_\_\_\_)
6. **AMEND the specification** please by inserting before the first line: This is a ☐ Continuation-in-Part  
☐ Divisional ☐ Continuation ☐ Substitute Application (MPEP 201.09) of:  
6(a). ☐ National Appln. No. \_\_\_\_\_ / \_\_\_\_\_ filed:  
6(b). ☐ International Appln. No. \_\_\_\_\_ / \_\_\_\_\_ filed:  
which designated the U.S., and that International Application ☐ was ☐ was not published under  
PCT Article 21 (2) in English. --
7. ☐ **AMEND the specification** please by inserting before the first line: -- This application claims the benefit of U.S.  
Provisional Application No. 60/\_\_\_\_\_, filed \_\_\_\_\_. --
8. ☒ Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.
9. ☐ Prior application is assigned to \_\_\_\_\_  
by Assignment recorded \_\_\_\_\_ (date) Reel \_\_\_\_\_ Frame \_\_\_\_\_
10. **FOREIGN** priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in **GERMANY**
- 11.

Application No.	Filing Date	Application No.	Filing Date
(1) DE 103 10 815.7	March 12, 2003	(2)	
(3)		(4)	
(5)		(6)	

12. \_\_\_\_\_ (No.) Certified copy/copies: ☐ attached; ☐ previously filed on (date) \_\_\_\_\_  
in U.S. Application No. \_\_\_\_\_ filed on \_\_\_\_\_.

13. Small Entity Status: ☒ is **NOT** claimed ☐ is claimed (**Pre-filing confirmation required**)

13(a). ☐ Attached: \_\_\_\_\_ No. Small Entity Statement(s) (since 9/8/00 small entity statement(s) not essential to make claim)

13(b). ☐ See **NONPUBLICATION REQUEST** under Rule 213(a) attached (PAT-258)

14. **DOMESTIC/INTERNATIONAL** priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

Application No.	Filing Date	Application No.	Filing Date
(1)		(2)	
(3)		(4)	
(5)		(6)	

15. ☐ This application is being filed under Rule 53(b)(2) since an inventor is named in the enclosed Declaration who was not named in the prior application.

16. ☒ Attached: Power of Attorney and Revocation of Prior Powers

17. ☐ Preliminary Amendment Attached

**THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED**

Basis For Fee				Large Entity/Small Entity	Amount
18. Basic Filing Fee ..... <b>Regular Utility Application</b>				\$770 / \$385	<u>+770.00</u>
Design Application				\$340 / \$170	
19. Total Claims	19	Minus 20 =	0	X \$18 / \$ 9	<u>+0</u>
20. Ind. Claims	1	Minus 3 =	0	X \$86 / \$43	<u>+0</u>
21. If <u>any proper</u> multiple dependent claim (ignore improper) is present, add (Leave this line <u>blank</u> if this is a <u>reissue</u> application)				\$290 / \$145	<u>+0</u>
22.				<b>Total Filing Fee Enclosed</b>	<b><u>\$770.00</u></b>
23. If "non-English" box 2 is X'd, add Rule 17(k) processing fee				\$130	<u>+0</u>
24. If "assignment" box 8 is X'd, add recording fee				\$ 40	<u>+40.00</u>
25. <input type="checkbox"/> Attached is a Petition/Fee under Rule No.				\$130	<u>+0</u>
26.				<b>Total Fee Enclosed:</b>	<b><u>\$810.00</u></b>

27. ☐ Please charge the total fee to our deposit account below under the stated order no.: \_\_\_\_\_  
Our Deposit Account No.: 501860.

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

This **CHARGE STATEMENT** does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

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By:

Timothy J. Klima  
Registration No.: 34,852

Date: March 11, 2004

**NOTE:** File in duplicate with PTO receipt & attachments